

Meeting Summary.

Following is a summary of the issues discussed at the PoliceStat meeting on October 1, 2015. Analysis provided by the Office of Performance and Data Analytics.

FIELD-BASED REPORTING IMPROVEMENTS UPDATE

- **CPD Update.** Through the CincyStat process, we ruled-out connectivity problems as a cause for prolonged field-based reporting. The conversation has since turned to resolving other issues that may delay field-based reporting.

Proposed Plan for Improvement of System

	Task	Owner	Deadline
1	Assessment – Current Motorola Software used in field	CPD IT, ETS	Oct 1st
	a) Configuration		
	b) Training		
	c) Enhancements		
	d) Bug Fixes		
	e) Performance assessment		
	f) Obtain message size for each report		
2	Motorola Software options	CPD IT	Oct 1st
	a) Future roadmap by vendor on new mobile solutions		
3	Information Gathering – Third party integration options with Motorola RMS	CPD IT	Oct 1st
	a) Does Motorola allow third party software integration with their RMS.		
	b) Does Motorola provide published API (Application Programming Interface) for third party software integration with RMS		
4	Alternate Field Software – Assessment	OPDA, CPD, ETS	TBD
	a) Process Mapping (Innovation Lab) of key reports		
5	Software Development Options - Assessment:	CPD, ETS, OPDA	TBD
	a) Off-the-shelf products		
	a. Pamet		
	b. TriTech		
	c. Optimum Technology		
	d. OHLEG		
	e. TriBridge		
	f. InterAct		
	g. Spillman		
	h. NORIS (Lucas County)		
	b) In House development – various methodologies		
	c) Custom Software Development Consultants – Development, Costs, maintenance.		

CALLS FOR SERVICE MANAGEMENT

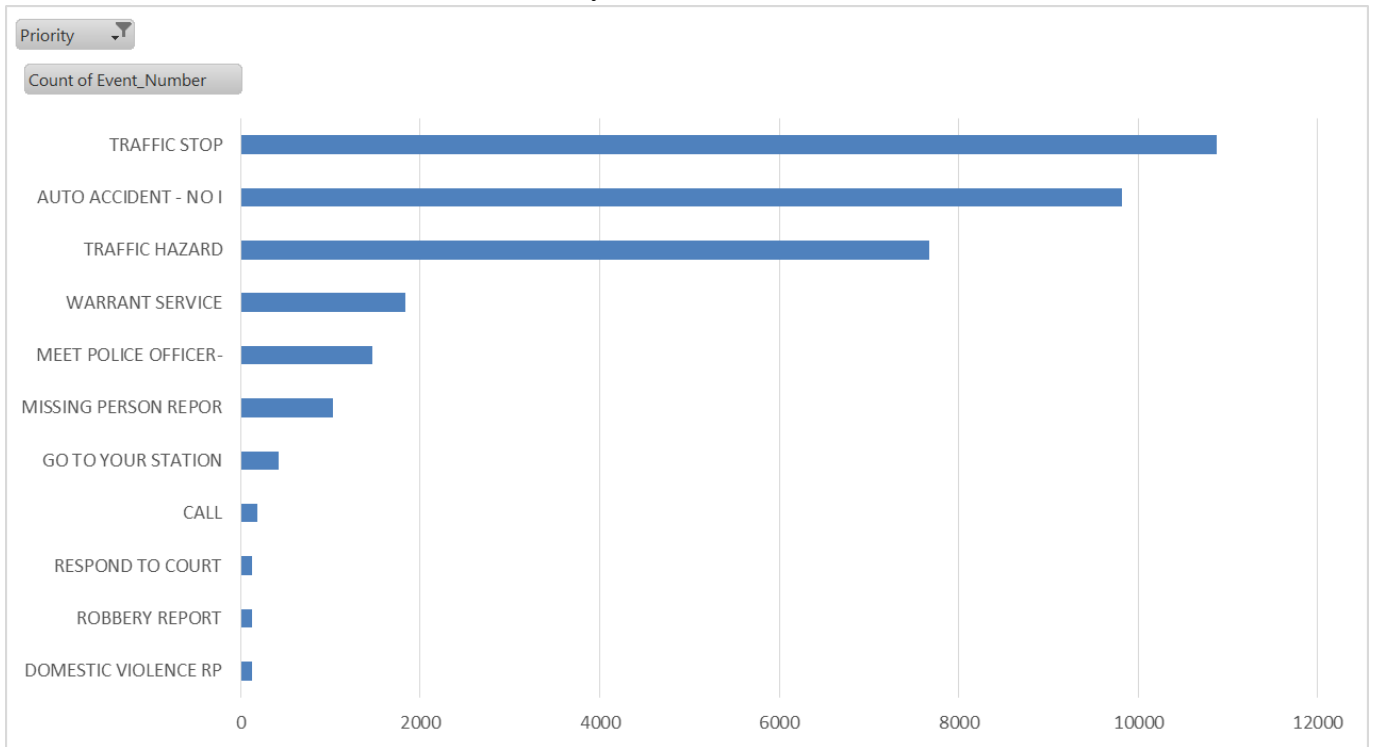
- **Calls for service analysis.** One of the main demands on officer's time is calls for service. As we have seen in previous levels, low-priority calls represent a disproportionate amount of the call volume.

Calls for service: first 6 months of 2015

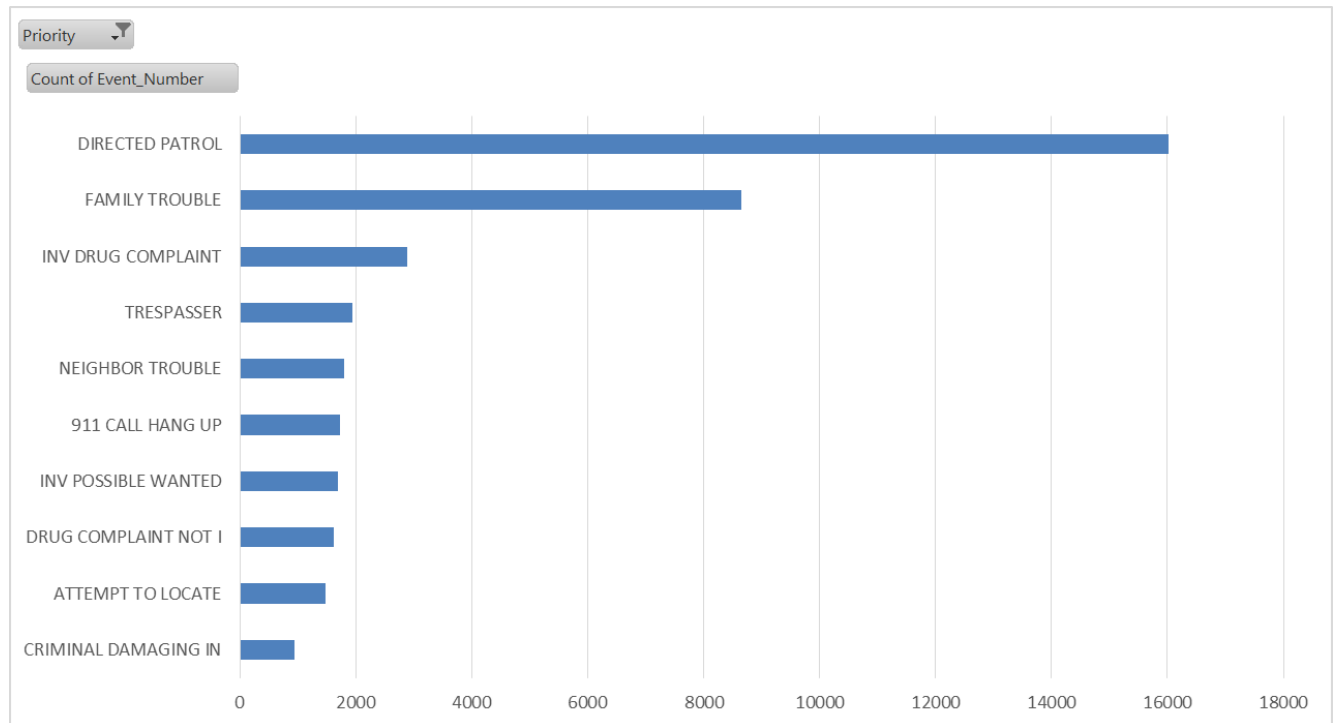
	Priority Level						
Hour	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Priority 6	Priority 7
6 AM	1	37	6	99	100	69	161
7 AM	1	48	8	130	151	138	292
8 AM	5	68	7	137	212	188	327
9 AM	7	88	12	163	228	244	340
10 AM	5	136	10	177	196	237	352
11 AM	2	128	7	186	220	316	377
12 PM	4	162	8	182	277	295	396
1 PM	12	162	17	203	307	280	389
2 PM	7	177	22	241	430	344	399
3 PM	7	192	17	255	405	315	371
4 PM	14	180	11	289	321	355	396
5 PM	8	189	16	251	356	312	344
6 PM	14	176	16	282	288	347	291
7 PM	11	187	11	313	229	402	281
8 PM	16	234	10	274	202	373	309
9 PM	15	230	10	303	282	367	260
10 PM	30	225	12	335	272	336	305
11 PM	24	221	10	313	238	316	259
12 AM	13	193	9	246	173	314	243
1 AM	20	149	6	227	139	234	168
2 AM	9	111	7	188	102	206	154
3 AM	5	101	7	167	83	141	137
4 AM	1	59	3	95	59	90	99
5 AM	4	35	2	77	28	66	101
	1%	13%	1%	19%	19%	23%	25%
Percent of Total Calls (27,434)							

Through the PoliceStat process we identified low-priority calls as potential candidates to be removed from the overall call load patrol officers must face. The following charts show the call subject as well as the volume of calls per subject for the first six months of 2015. **These only represent the top 10 reasons for calling.**

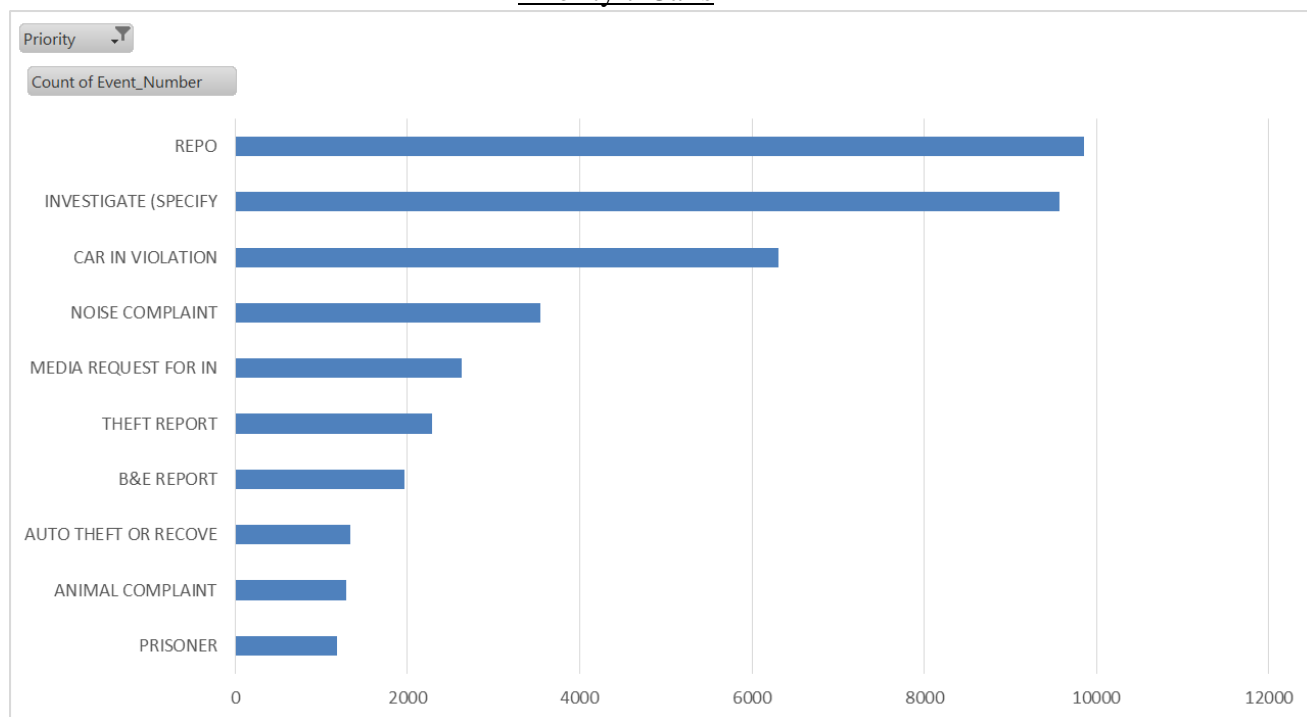
Priority 5 Calls



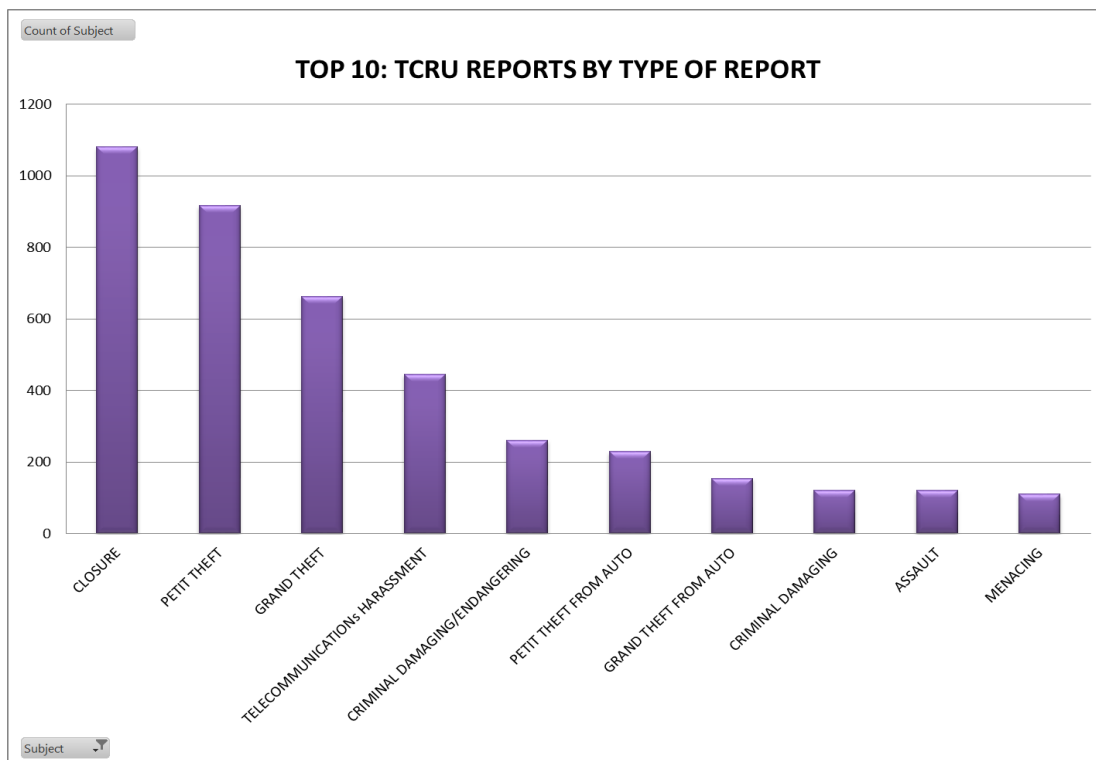
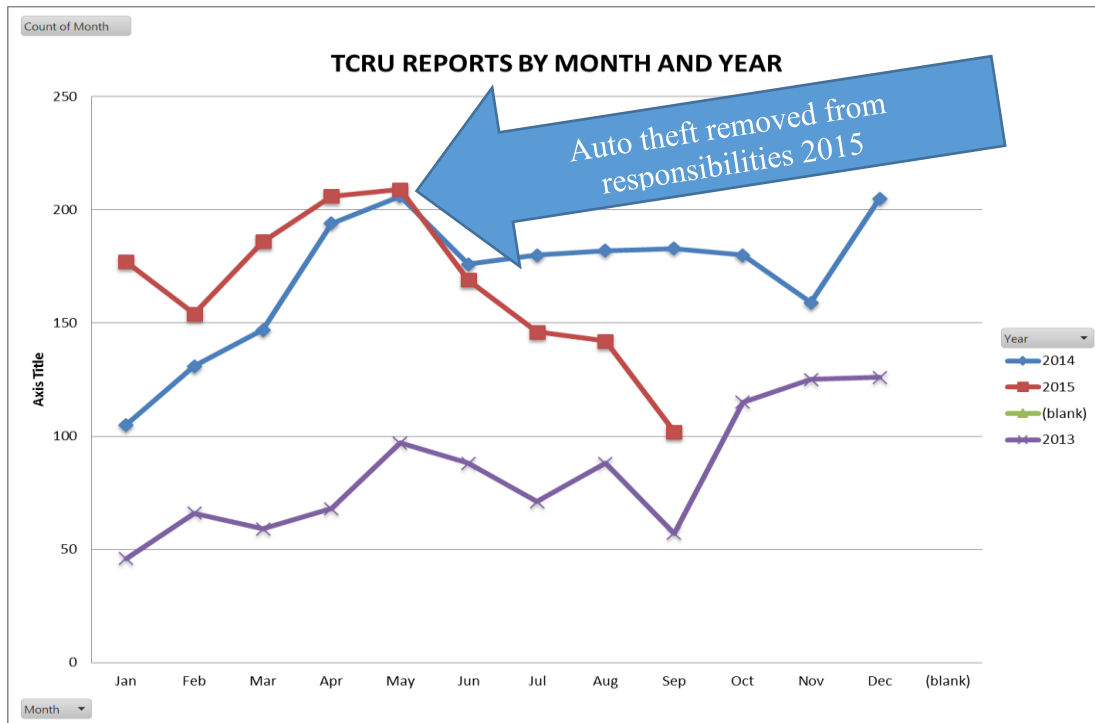
Priority 6 Calls



Priority 7 Calls



- **Telephone Crime Reporting Unit (TCRU).** When receiving calls, ECC 911 dispatchers are able to transfer certain kinds of calls to the TCRU. This unit takes these calls and handles the reporting.



CRIME REDUCTION STRATEGY COORDINATION

Top 10 Neighborhoods – Homicides & Shootings

DST Neighborhood	2010	2011	2012	2013	2014	2015
4 Avondale	29	24	30	33	40	45
3 Westwood	15	17	14	12	8	30
4 Walnut Hills	16	16	26	17	21	29
1 West End	25	18	16	20	22	27
1 Over-The-Rhine	33	63	33	46	25	26
5 Mount Airy	8	6	10	8	10	18
5 Winton Hills	22	14	9	20	10	15
3 East Price Hill	16	11	19	19	21	13
4 Roselawn	9	19	9	14	10	12
3 East Westwood	4	7	2	8	6	11
Top 10 Neighborhoods	177	195	168	197	173	226
Citywide Total	316	328	288	337	289	359
% of Citywide Shootings	56.0%	59.5%	58.3%	58.5%	59.9%	63.0%

- **Special assignments.** In an attempt to identify the most accurate number of officers available to take calls, OPDA has identified officers and specialists assigned to non-patrol duties. The following table shows such a breakdown.

Sub-Unit	CBS	District 1	District 2	District 3	District 4	District 5	Total Assigned
First Shift	9	22	28	35	34	32	160
Second Shift	13	27	33	43	36	32	184
Third Shift	10	23	28	35	39	39	174
Late Power				20			20
Special Events	6						6
Investigative	3	11	14	14	13	15	70
Violent Crime		5	3	7	7	8	30
Neighborhood Liason		3	8	6	6	5	28
Findlay Market		2					2
Warrants			1	2		1	4

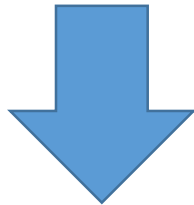
OFFICER SCHEDULING

- **10hr and 8hr use throughout department.** CPD uses two types of schedules, a 10 hr schedule with 4 working days per week and an 8hr schedule with 5 working days per week. Weeks are Sunday through Saturday. Understanding what the scheduling baseline is comprised of is important, because that baseline drives:
 - **Actual officer availability**
 - **Sensitivity of deployment to leave usage**
 - **Overtime**

The following charts show how off-day groups affect the daily average availability of officers.

Officers **Assigned** to a 10 Hour Schedule

Department	▼ Early Power	First	Second	Third	Late Power	Investigative	Grand Total
CANINE		4	4	4	1		13
CBS	1	8	12	11			32
DST1		23	26	25			74
DST2		28	33	28			89
DST3		30	52	28	18	1	129
DST4		33	36	40			109
DST5		31	32	39		1	103
PATA				2			2
SSS						5	5
TRAFFIC	2	20	2	5			29
Grand Total	3	177	197	182	19	7	585



This schedule is primarily used by cops in patrol. Because of the off-day group structure, officers in this schedule have an **availability of 57% before any paid leave is taken.**

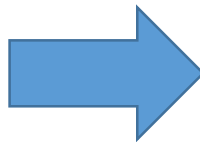
Officers **Available (57%)** Given 10 Hour Schedule

Department	Early Power	First	Second	Third	Late Power	Investigative	Grand Total
CANINE		2	2	2	1		7
CBS	1	5	7	6			18
DST1		13	15	14			42
DST2		16	19	16			51
DST3		17	30	16	10	1	74
DST4		19	21	23			62
DST5		18	18	22		1	59
PATA				1			1
SSS						3	3
TRAFFIC	1	11	1	3			17
Grand Total	2	101	112	104	11	4	333

Officers **Assigned** to 8 Hour Schedule

Department	First	Second	Third	Investigative	Grand Total
CANINE	4	1			5
CBS	8			2	10
CHIEF	6				6
CIS	43	3	12	16	74
CLU	5				5
DST1	6	1		16	23
DST2	9			16	25
DST3	15	1		22	38
DST4	8			21	29
DST5	10	1		21	32
IIS	1			2	3
IIU	4			1	5
IMPD		1			1
INSP	6				6
INTEL	1				1
PATA	3				3
PATB	1				1
PERS	4				4
PIO	1				1
PLAN	4				4
PROP	1				1
PSS				1	1
QLET	8				8
RECRUITING	7				7
SAF ST				5	5
SAFE ST	8	1		5	14
SIS	20			39	59
SSS	5	1			6
TASS	3				3
TCRU	10				10
TRAFFIC	1	1			2
Training	1				1
TRNG	13				13
YSS	3				3
YSU	14				14
Grand Total	233	11	12	167	423

Because of the off-day group structure, officers in this schedule have an **availability of 71% before any paid leave is taken.**



Officers **Available (71%)** Given 8 Hour Schedule

Department	First	Second	Third	Investigative	Grand Total
CANINE	3	1			4
CBS	6			1	7
CHIEF	4				4
CIS	31	2	9	11	53
CLU	4				4
DST1	4	1		11	16
DST2	6			11	18
DST3	11	1		16	27
DST4	6			15	21
DST5	7	1		15	23
IIS	1			1	2
IIU	3			1	4
IMPD		1			1
INSP	4				4
INTEL	1				1
PATA	2				2
PATB	1				1
PERS	3				3
PIO	1				1
PLAN	3				3
PROP	1				1
PSS				1	1
QLET	6				6
RECRUITING	5				5
SAF ST				4	4
SAFE ST	6	1		4	10
SIS	14			28	42
SSS	4	1			4
TASS	2				2
TCRU	7				7
TRAFFIC	1	1			1
Training	1				1
TRNG	9				9
YSS	2				2
YSU	10				10
Grand Total	165	8	9	119	300

CLEARANCE RATES

- **Clearance rates overview.** CPD is currently collecting data to determine if the data it tracks follows the standards set forth by the FBI's Uniform Crime Reporting standards. See below.